

Navy Dairy Farm  
 100 Dairy Farm Rd  
 Gambrills, MD 21054

**Contractor:**

Designed: llc      Checked:  
 Date:      3/8/2017      Date:

**CONTRACTOR COST ESTIMATE: 410 Grade Stabilization Structure (Rock Chute),  
 378 Excavated Pond, 342 Critical Area Seeding, 500 Obstruction Removal, 484 Mulch, 382 Fence**

ITEM	AMOUNT	UNIT	UNIT COST*	TOTAL COST
<b>EXCAVATION**</b>				
Pond& Rock Chute	1841	Cu. Yd.		
EXCESS SPOIL REMOVAL	1513	Cu. Yd.		
<b>CLEARING &amp; DEBRIS REMOVAL</b>				
Unknown volume of debris/rock	0.15	Ac		
Clearing and grubbing	0.3	Ac		
<b>ROCK CHUTE</b>				
# 57 Bedding Stone	80	Tons		
Class II Riprap (d50 = 14")	555	Tons		
<b>CELLULAR CONFINEMENT SYSTEM (CCS)</b>				
# 57 Stone Skim Coat	101	Tons		
#2 Angular Stone	303	Tons		
Class SE Filter Cloth	10560	Sq Ft		
CCS	9600	Sq Ft		
<b>FENCE</b>				
HY-Tensile Wire, 5 strand	500	Lin Ft		
<b>SEEDING</b>				
Site Preparation	1.4	Acre		
Blend of 3 Tall Fescues	140	Lbs		
Dolomitic Limestone	5600	Lbs		
10-20-20 Fertilizer	700	Lbs		
Annual Rye Nurse Crop	56	Lbs		
Straw Mulch	140	Bales		
EROSION CONTROL MATTING & STAKES	8300	Sq Ft		
DIKE STRAW BALES + STAKES/REBAR	54	Bales		
<b>OPTIONAL DEWATERING PIPE</b>				
6" SCH 40 PVC Perforated Pipe	20	Ft		
6" SCH 40 PVC Pipe	125	Ft		
# 2 Bedding Stone	3	Tons		
Plastic Filter Fabric Wrap	63	Sq Ft		
Rodent Guard, 6"	1	Ea		

**ESTIMATED COST (\*INCLUDES INSTALLATION):**

*This estimate is based on current MACS flat rates and should not be construed as the actual cost of the project.*

*\*\* Pond excavation volume estimate will vary based on actual depths dug.*

*Rock chute excavation volume estimate will vary based on soil and rock conditions encountered.*